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(54) Title: A COATING

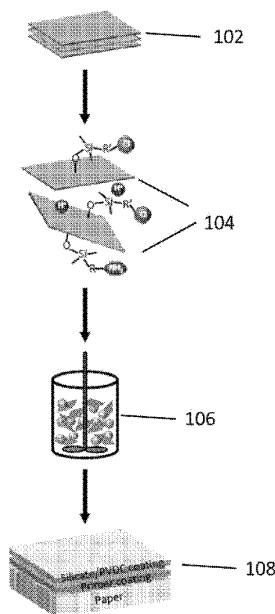


Fig. 1

(57) Abstract: There is provided a coating comprising an acidified, silane modified silicate material bound to a polymer matrix having at least one acidic group and at least one halogen group. There is also provided a composite coating emulsion and a method for preparing the same. There is further provided a coated article comprising the coating as described herein and a method for preparing the same. An embodiment of the present invention relates to the coating applied on recyclable materials such as paper, to provide barrier properties.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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